

## Table ENG-2. - Construction Materials

Isle of Wight County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1:							
Alaga	85	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.02
		Low content of organic matter	0.00			Too acid	0.88
		Too sandy	0.02				
Emporia	5	Not Rated		Not Rated		Not Rated	
Leon	5	Not Rated		Not Rated		Not Rated	
Nawney	5	Not Rated		Not Rated		Not Rated	
2:							
Bohicket	85	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.13	Salinity	0.00
Alaga	8	Not Rated		Not Rated		Not Rated	
Rappahannock	7	Not Rated		Not Rated		Not Rated	
3:							
Chickahominy	85	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Shrink-swell	0.13	Too acid	0.60
Kinston	8	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
4:							
Chipley	85	Poor		Fair		Poor	
		Too sandy	0.00	Depth to saturated zone	0.89	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.89
		Low content of organic matter	0.00				
Kinston	5	Not Rated		Not Rated		Not Rated	
Leon	5	Not Rated		Not Rated		Not Rated	
Nawney	5	Not Rated		Not Rated		Not Rated	

5A:

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5A:							
Emporia	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	No shrink-swell limitation	>0.99	Too acid	0.88
		Too acid	0.50				
Yemassee	8	Not Rated		Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
5B:							
Emporia	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	No shrink-swell limitation	>0.99	Too acid	0.88
		Too acid	0.50				
Yemassee	8	Not Rated		Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
6:							
Kenansville	80	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.01
		Too sandy	0.01			Too acid	0.98
		Droughty	0.29				
Alaga	8	Not Rated		Not Rated		Not Rated	
Kinston	8	Not Rated		Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated		Not Rated	
7:							
Kinston	85	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.99				
Alaga	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
Yemassee	5	Not Rated		Not Rated		Not Rated	

8:

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8:							
Leon	45	Poor		Poor		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Droughty	0.00			Too acid	0.92
Chipley	30	Poor		Fair		Poor	
		Too sandy	0.00	Depth to saturated zone	0.89	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.89
		Low content of organic matter	0.00				
Alaga	9	Not Rated		Not Rated		Not Rated	
Kinston	9	Not Rated		Not Rated		Not Rated	
Nawney	7	Not Rated		Not Rated		Not Rated	
9:							
Myatt	90	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12			Too acid	0.60
Slagle	5	Not Rated		Not Rated		Not Rated	
Yemassee	5	Not Rated		Not Rated		Not Rated	
10:							
Nawney	90	Fair		Poor		Poor	
		Too acid	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
Chipley	4	Not Rated		Not Rated		Not Rated	
Yemassee	4	Not Rated		Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated		Not Rated	
11E:							
Nevarc	45	Poor		Poor		Poor	
		Low content of organic matter	0.00	Low strength	0.00	Slope	0.00
		Too acid	0.21	Slope	0.00	Too Clayey	0.25
		Too clayey	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Remlik	35	Poor		Poor		Poor	
		Wind erosion	0.00	Slope	0.00	Slope	0.00
		Too sandy	0.04			Too sandy	0.04
		Too acid	0.21			Too acid	0.76

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11E:							
Slagle	8	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
Nawney	5	Not Rated		Not Rated		Not Rated	
12A:							
Peawick	85	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
12B:							
Peawick	85	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Slagle	7	Not Rated		Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated		Not Rated	
Nawney	3	Not Rated		Not Rated		Not Rated	
12C:							
Peawick	85	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Slagle	8	Not Rated		Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
13B3:							
Peawick	80	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13B3:							
Kinston	8	Not Rated		Not Rated		Not Rated	
Slagle	8	Not Rated		Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated		Not Rated	
14B:							
Peawick	45	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Slagle	40	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.76	Too acid	0.60
		Too acid	0.50	Shrink-swell	0.98	Depth to saturated zone	0.76
Kinston	9	Not Rated		Not Rated		Not Rated	
15:							
Rappahannock	95	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.50	Low strength	0.00	Sodium content	0.00
		Salinity	0.97			Salinity	0.00
Bohicket	1	Not Rated		Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated		Not Rated	
Slagle	1	Not Rated		Not Rated		Not Rated	
16:							
Rumford	85	Poor		Good		Fair	
		Wind erosion	0.00			Too acid	0.76
		Low content of organic matter	0.00				
		Too acid	0.50				
Alaga	5	Not Rated		Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated		Not Rated	
Yemassee	5	Not Rated		Not Rated		Not Rated	
17B3:							
Slagle	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.76	Too acid	0.60
		Too acid	0.50	Shrink-swell	0.98	Depth to saturated zone	0.76

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17B3:							
Kinston	7	Not Rated		Not Rated		Not Rated	
Peawick	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
18A:							
Slagle	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.76	Too acid	0.60
		Too acid	0.50	Shrink-swell	0.98	Depth to saturated zone	0.76
Kinston	7	Not Rated		Not Rated		Not Rated	
Peawick	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
18B:							
Slagle	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.76	Too acid	0.60
		Too acid	0.50	Shrink-swell	0.98	Depth to saturated zone	0.76
Kinston	7	Not Rated		Not Rated		Not Rated	
Peawick	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
18C:							
Slagle	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.76	Too acid	0.60
		Too acid	0.50	Shrink-swell	0.98	Depth to saturated zone	0.76
Kinston	7	Not Rated		Not Rated		Not Rated	
Peawick	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
19A:							
Uchee	85	Poor		Fair		Fair	
		Wind erosion	0.00	Shrink-swell	0.99	Too sandy	0.01
		Too sandy	0.01			Too acid	0.88
		Too acid	0.32				
Kinston	7	Not Rated		Not Rated		Not Rated	
Yemassee	5	Not Rated		Not Rated		Not Rated	

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19A:							
Nawney	3	Not Rated		Not Rated		Not Rated	
19B:							
Uchee	85	Poor		Fair		Fair	
		Wind erosion	0.00	Shrink-swell	0.99	Too sandy	0.01
		Too sandy	0.01			Too acid	0.88
		Too acid	0.32				
Kinston	7	Not Rated		Not Rated		Not Rated	
Yemassee	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
19C:							
Uchee	85	Poor		Fair		Fair	
		Wind erosion	0.00	Shrink-swell	0.99	Too sandy	0.01
		Too sandy	0.01			Too acid	0.88
		Too acid	0.32				
Kinston	7	Not Rated		Not Rated		Not Rated	
Yemassee	6	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
20B:							
Uchee	45	Poor		Fair		Fair	
		Wind erosion	0.00	Shrink-swell	0.99	Too sandy	0.01
		Too sandy	0.01			Too acid	0.88
		Too acid	0.32				
Peawick	35	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Kinston	10	Not Rated		Not Rated		Not Rated	
Slagle	10	Not Rated		Not Rated		Not Rated	
20C:							
Uchee	45	Poor		Fair		Fair	
		Wind erosion	0.00	Shrink-swell	0.99	Too sandy	0.01
		Too sandy	0.01			Too acid	0.88
		Too acid	0.32				

**Table ENG-2. - Construction Materials - Continued**

Isle of Wight County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20C:							
Peawick	35	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey	0.09
		Too clayey	0.18	Shrink-swell	0.13	Too acid	0.60
		Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
kinston	10	Not Rated		Not Rated		Not Rated	
slagle	10	Not Rated		Not Rated		Not Rated	
21:							
Udorthents	100	Not Rated		Not Rated		Not Rated	
22:							
Urban land	100	Not Rated		Not Rated		Not Rated	
23:							
Yemassee	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Too acid	0.12			Too acid	0.60
Slagle	8	Not Rated		Not Rated		Not Rated	
Myatt	7	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	